

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus for delivering a predetermined amount of a fluid for biological or chemical processing and/or analysis, ~~comprising~~ consisting of:

a tube;

a piston plunger positioned to slide inside of said tube for dispensing said predetermined amount of a fluid for biological or chemical processing and/or analysis, said piston plunger responsive to a pneumatic force;

a mechanical device that biases said piston plunger in opposition to said pneumatic force; and

a connector operatively connected to said tube for transferring said predetermined amount of a fluid for biological or chemical processing and/or analysis;

an actuator operatively connected to said tube and piston plunger for providing said pneumatic force to said piston plunger; ~~and~~

wherein said actuator includes valving operatively connected ~~to said actuator~~ to said tube and operatively connected to said piston plunger, said valving transmitting said pneumatic force ~~from said actuator~~ to said tube and piston plunger.

2. (Currently Amended) The apparatus of claim 1 ~~including~~ wherein said mechanical device is a spring that biases said piston plunger in opposition to said pneumatic force.

3. (Cancelled)

4. (Currently Amended) A dispensing system for delivering a predetermined amount of a fluid for biological or chemical processing and/or analysis, ~~comprising~~ consisting of:

dispensing means for moving said predetermined amount of a fluid for biological or chemical processing and/or analysis, said dispensing means operated by a pneumatic force;

connection means for delivering said predetermined amount of a fluid for biological or chemical processing and/or analysis, said connection means operatively connected to said dispensing means; and

actuator means for providing said pneumatic force to said dispensing means, said actuator means operatively connected to said dispensing means; ~~and~~
wherein said actuator includes valving means for transmitting said pneumatic force ~~from said actuator means~~ to said dispensing means, said valving means operatively connected to ~~said actuator means and~~ said dispensing means.

5. (Original) The dispensing system of claim 4 wherein said dispensing means comprises a tube and a piston plunger inside of said tube that slides inside said tube and moves said predetermined amount of a fluid for biological or chemical processing and/or analysis through said connector.

6. (Original) The pneumatic dispensing system of claim 4 wherein said dispensing means includes a spring that biases said piston plunger in opposition to said pneumatic force.

7. (Cancelled)